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Nelson et al.

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- (54) **COMPOSITIONS COMPRISING A POTASSIUM SALT ACTIVE INGREDIENT, INCLUDING ORAL COMPOSITIONS FOR REDUCING DENTAL NERVE AND DENTIN SENSITIVITY COMPRISING A NON-MENTHOL FLAVORING**
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- (52) **U.S. Cl.** ..... **424/49**
- (58) **Field of Classification Search** ..... 424/49  
See application file for complete search history.

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(57) **ABSTRACT**

The subject invention provides a detergent composition comprising an effective amount of a soluble potassium salt, a sodium (C<sub>8</sub>-C<sub>24</sub>) alkylsulfate in an amount effective to remove or loosen debris and/or stains from a surface, and a polar surfactant, said surfactant comprising a hydrophobic portion selected from a (C<sub>6</sub>-C<sub>30</sub>) alkyl group and a polymeric silicone group, wherein the molar ratio of the surfactant to the sodium (C<sub>8</sub>-C<sub>24</sub>) alkylsulfate is greater than or equal to about 1:1. Detergent compositions of the invention include oral compositions for removing and loosening plaque and/or stains from a dental surface and oral compositions for reducing dental nerve and/or dentin sensitivity. The subject invention further provides an oral composition for reducing dental nerve and/or dentin sensitivity comprising an effective amount of an ingredient that possesses activity in reducing dental nerve and/or dentin sensitivity, an orally-acceptable vehicle, and a flavoring that does not contain a substantial amount of menthol in an amount effective to provide flavor to said composition. The subject invention also provides a mint flavoring that does not comprise a substantial amount of menthol, said mint flavoring being either a dementholated natural mint extract or a synthetic blend.

**9 Claims, No Drawings**